



Philips
widescreen flat TV with
Crystal Clear

23"

LCD HD Ready

23PF4321



Turn up your viewing experience

with Crystal Clear

Here is an LCD TV that not only enhances the décor of your home with its European styling and slim design, but also provides a great audio-visual experience with Crystal Clear and Virtual Dolby Surround.

Better quality images that reveal more detail

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Crystal Clear improves picture depth

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Stylish design

- Compact design

Designed for your convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture and Smart Sound to personalise your viewing

For advanced performance

- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 450:1
- Response time (typical): 16 ms
- Viewing Angle (H / V): 140 / 125 degree
- Diagonal screen size: 23 inch / 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 2D Combfilter, Colour Temperature Adjustment, Contrast Plus, Crystal Clear, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats
 - Resolution Refresh rate
 - 640 x 480 60, 67, 72, 75 Hz
 - 800 x 600 56, 60, 72, 75 Hz
 - 832 x 624 75Hz
 - 1024 x 768 60, 70, 75Hz
 - 1280 x 768 60 Hz
- Video Formats
 - Resolution Refresh rate
 - 640 x 480i 1Fh
 - 640 x 480p 2Fh
 - 720 x 576i 1Fh
 - 720 x 576p 2Fh
 - 1280 x 720p 3Fh
 - 1920 x 1080i 2Fh

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 5W
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround

Tuner/reception/transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 100
- Tuner Display: PLL

Connectivity

- Ext I Scart: Audio L/R, CVBS in/out, RGB
- Number of Scarts: 1
- Front/Side connections: Audio in, CVBS in, Headphone out, S-video in
- Other connections: Antenna IEC75, DVI-I, PC Audio in

Convenience

- Clock: Sleep Timer
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Menu Control, On-Screen Display, Programme List, Smart Picture, Smart Sound
- Picture in Picture: Twin page text
- Remote Control: TV
- Remote control type: RCFE05SMS00
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 10-page Smart Text
- Teletext enhancements: 4 favourite pages, Programme information Line

Accessories

- Cables: DVI-I to YPbPr cable
- Included Accessories: Tabletop stand, Power cord, Quick start guide, User manual, Registration card, Remote Control

Dimensions

- Set dimensions (W x H x D): 716 x 375 x 98 mm
- Dimensions (with base) (W x H x D): 716 x 414 x 195 mm
- Weight incl. Packaging: 13.3 kg
- Product weight: 10.2 kg
- Set weight: 10.2 kg
- Box dimensions (W x H x D): 780 x 551 x 210 mm
- Colour cabinet: Silver / Black

Electricity

- Ambient temperature: 5°C to 40°C
- Power consumption: 75 W
- Power supply: AC 90-240
- Standby power consumption: 1.2W

stereo system					transmission system						
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM	
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'	
o	o	o	o	o	o	o	o	o	o	o	o



Product highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Crystal Clear

Combining picture enhancements like Contrast plus and colour improvement, Crystal Clear improves picture depth.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimised picture and sound settings for the various picture and sound modes.

DVI-I input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image, that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Set Top Boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.



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